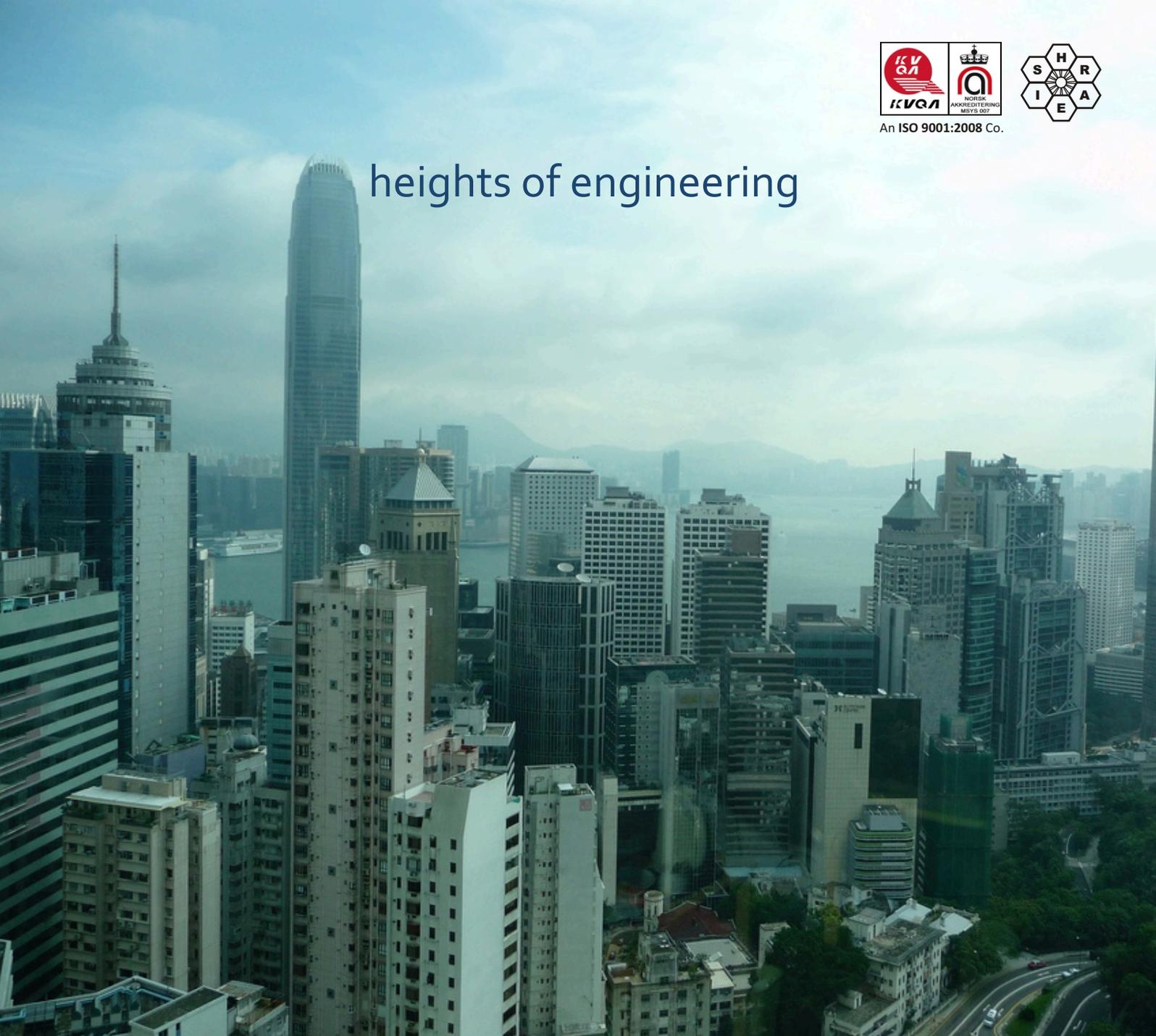




An ISO 9001:2008 Co.

# heights of engineering



## HEAT TRANSFER COILS

Direct expansion (DX) | Chilled water | Hot water | Steam



Choose your air.

# HEAT TRANSFER COILS

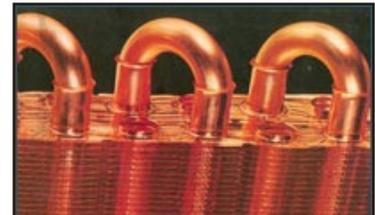
Direct expansion (DX) | Chilled water | Hot water | Steam

## GENERAL DESCRIPTION

AIREF ENGINEERS offers high quality, finned surface, efficient heat transfer coils for cooling and heating applications in comfort air conditioning, refrigeration, oil coolers and low temperature equipment. The coils, available in Chilled Water (CWC), Hot Water (HWC), Steam and Direct Expansion (DX) variants, cater efficiently to all kinds of heat transfer requirements. In addition to the standard sizes, the coils are available in customized sizes and types.

## CONSTRUCTIONAL FEATURES

TUBES	:	Seamless Copper tubes with 3/8" (9.5 mm), 1/2" (12.7 mm) and 5/8" (15.8 mm) O.D.
FINS	:	Aluminum fins punched from automatic fin-punching dies.
ROWS DEEP	:	2, 3, 4, 5, 6, 8, 10 and 12
FPI (FINS / IN)	:	3-4 FPI, 6-7 FPI, 9-10 FPI and 12-13 FPI (for different applications)
COIL SIZE	:	(A) Any size as per customer's requirement. (B) Standard sizes for our standard equipment.
COIL PANELS	:	Made of heavy gauge G.I. Sheet as per requirement.
HEADERS	:	Coil headers for Inlet / Outlet of water (CWC, HWC, steam & hot oil coils) are made of M.S. / Cu. Air purging and drain connections are provided.
DISTRIBUTER	:	Brass distributor and M.S. / Cu header for DX-coils.
CIRCUITING	:	Full, half, double and special circuits are provided for evaporating coils and condensers.



**TESTING:** All coils are pressure tested with dry air at 24.5 kg/sq.cm (350 lbs) under water.

**APPLICATIONS :** Air handling units, Fan coil units, Split A.C. Units, Package units, Air cooled condensers, Heat convectors, Cold storages, Bus air conditioners, Oil coolers, Dehumidifiers etc.

**OPTIONAL :** Copper fins, S.S. Pipe, Aluminum or Copper side panels or other application-specific changes can be made.



Choose your air.

## Airef Engineers

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